



**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)  
FORM 1 -- Catchment Information**

Subwatershed: Bear Branch

Location of Catchment Centroid on ADC Map: Year: 2001 Page: 4 Grid: E4

State Plane Coordinates of Outfall Location: X: 1351127 Y: 519380

Closest Road Intersection to Outfall: Ashford Boulevard and Cherry Lane

Outfall SDI ID or Outfall Description: system 85084A, SDI 84663

Objective: Demonstration / Impairment(s) (Sheet 1) \_\_\_\_\_

Drainage Area (ac): 4.2 Impervious Area (ac): 2.2

Percent Impervious: 53% Soil Recharge Factor (S): 0.13

WQ<sub>v</sub> (required): 0.18 Re<sub>v</sub> (required): 0.02

Predominant Land Use: residential Mean Depth to Ground Water: >=5 ft

Sanitary System:  Septic  Municipal Sewer Water Supply:  On Site Well  Public Water

**Storm Drainage System Within Catchment**

Piped: 100% Open Channels: 0%

Area Drained by System: 100%

Location in Catchment:  Headwaters  Middle  Lower  All

Open Channel Lining- Vegetation: 0% Riprap: 0% Concrete: 0% Other: 0%

**Existing IMP(s) / BMP(s)**

SDI ID: 85127A Type (number from Sheets 4 & 5): 16 Age: 17

Closest Road Intersection to IMP / BMP: Laurel Place and Cherry Lane

Catchment Area Treated (ac) : 4.2 Percentage Catchment Treated: 100%

WQ<sub>v</sub> Provided:  YES  NO Re<sub>v</sub> Provided:  YES  NO C<sub>p</sub> Provided:  YES  NO

SDI ID: 85128A Type (number from Sheets 4 & 5): 16 Age: 17

Closest Road Intersection to IMP / BMP: Oxford Drive and Chapel Cove Drive

Catchment Area Treated (ac) : 26.9 Percentage Catchment Treated: 100%

WQ<sub>v</sub> Provided:  YES  NO Re<sub>v</sub> Provided:  YES  NO C<sub>p</sub> Provided:  YES  NO

SDI ID: \_\_\_\_\_ Type (number from Sheets 4 & 5): \_\_\_\_\_ Age: \_\_\_\_\_

Closest Road Intersection to IMP / BMP: \_\_\_\_\_

Catchment Area Treated (ac) : \_\_\_\_\_ Percentage Catchment Treated: \_\_\_\_\_

WQ<sub>v</sub> Provided:  YES  NO Re<sub>v</sub> Provided:  YES  NO C<sub>p</sub> Provided:  YES  NO

**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)**  
**FORM 1 -- Catchment Information** (concluded)

**CATCHMENT SUMMARY**

WQ<sub>v</sub> (provided): \_\_\_\_\_

Re<sub>v</sub> (provided) : \_\_\_\_\_

Area Treated (ac): \_\_\_\_\_

Impervious Area Treated (ac): \_\_\_\_\_

Area Treated (%): \_\_\_\_\_

Impervious Area Treated (%): \_\_\_\_\_

**Comments**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS) FORM 2 -- Site Information

Site Name: Ashford at Avondale Subdivision Address: 14800-14922 Ashford Place, Laurel MDSite Owner: varies (contact Ashford Homeowners Association Inc.)State Plane Coordinates of Site Centroid: X: 1350662 Y: 520390 Date: 3/21/03Personnel: JA, PM Weather: overcast, 60F degArea (ac): 4.2 Impervious Area (ac): 2.2Percent Impervious: 53% Soil Recharge Factor (S): 0.13WQ<sub>v</sub> (required): 0.18 Re<sub>v</sub> (required): 0.02Property Area (ac): 50.4 Property Area Included in Site: 8 %Amount of Catchment Occupied by Site: 100 %

### Storm Drainage System Within Site

Piped: 100% Open Channels: 0% Area Drained by System: 100%Open Channel Lining - Vegetation: 0% Riprap: 0% Concrete: 0% Other: 0%

### Existing IMP(s) / BMP(s) (Identified on Page 1, FORM 1, Catchment Information)

SDI ID: \_\_\_\_\_ Condition:  Excellent  Good  Average  Fair  PoorSDI ID: \_\_\_\_\_ Condition:  Excellent  Good  Average  Fair  PoorSDI ID: \_\_\_\_\_ Condition:  Excellent  Good  Average  Fair  Poor

### Site Information

Type of Pavement:  Bituminous  Concrete  Gravel  Grid Pavers  Other \_\_\_\_\_Pavement Condition:  Excellent  Good  Average  Fair  PoorUnderdrains can be easily directed to existing storm drains or daylighted:  YES  NOGutter/Exterior Downspouts Present:  YES  NORoof Connected Directly to Storm Drain:  YES  NORoof Drains onto Impervious Surface:  YES  NOObvious Existing Drainage Problems:  Extensive  Moderate  Average  Limited  NoneSteep Slopes Present:  Extensive  Moderate  Average  Limited  NoneExisting Landscaping:  Extensive  Moderate  Average  Limited  NoneMature / Specimen Trees:  Extensive  Moderate  Average  Limited  NoneArea Available for Aboveground BMPs:  Extensive  Moderate  Average  Limited  NoneExisting Cover of Potential Aboveground BMP Locations:  Grass  Landscaped  Gravel  Other Pervious  
 Pavement  Other Impervious

**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)  
FORM 2 -- Site Information (concluded)**

**Commercial / Institutional**

Islands Present:  YES  NO

Curb Present Around Island:  YES  NO

Ground Level of Island Relative to Pavement:  Above  Equal  Below

Island Landscaping:  Impervious  Bare Earth  Gravel  Grass  Mulch  Herbaceous Plants  Shrubs  
 Trees (<2 in. DBH)  Trees (2 - 6 in. DBH)  Trees (>6 in. DBH)

Trees have sufficient spacing to allow IMPs  YES  NO

Parking area that can be directed to potential treatment area with little grading: 10%

SITE SUMMARY	
WQ <sub>v</sub> (provided) :	Re <sub>v</sub> (provided):
Area Treated (ac) :	Impervious Area Treated (ac):
Area Treated (%) :	Impervious Area Treated (%):

**Photographs**

- No. 388 Description: looking south at island
- No. 389 Description: looking west at north entrance
- No. 390 Description: looking west at south entrance
- No. 391 Description: looking north along Ashford Place
- No. \_\_\_\_\_ Description: \_\_\_\_\_

**Comments**

---



---



---



---



---



---



---

**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)  
FORM 2 -- Site Information**



388



389



390



391